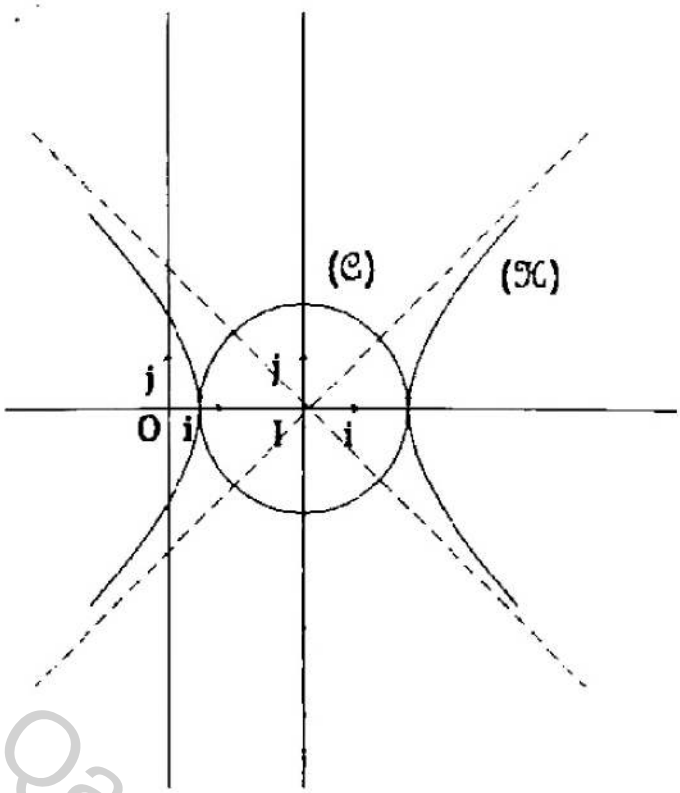


Exercice 27

1. $x \geq 0$ *et* $y \geq 0 (\mathcal{C}): \frac{x^2}{36} + \frac{y^2}{16} = 1$ ellipse

2. $x \geq 0$ *et* $y \leq 0$

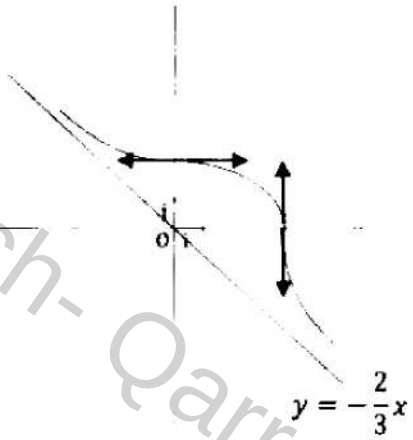
$(\mathcal{C}): \frac{x^2}{36} - \frac{y^2}{16} = 1$ hyperbole

3. $x \leq 0$ *et* $y \leq 0$

$(\mathcal{C}): -\frac{x^2}{36} + \frac{y^2}{16} = 1$ hyperbole

4. $x \leq 0$ *et* $y \leq 0$

$(\mathcal{C}): -(16x^2 + 36y^2) = 576$ ensemble vide



Exercice 28

$A_1(a, 0)$ $A_2(-a, 0)$ $T_1: x = a$ $T_2: x = -a$

$P(x_0, y_0) \in (E) \Leftrightarrow \frac{x_0^2}{a^2} + \frac{y_0^2}{b^2} = 1$

$T: \frac{x\, x_0}{a^2} + \frac{y\, y_0}{b^2} = 1$

Qarray.tn -Aqra Blech- Qarray.tn